

Practitioner's Docket No. 1062/D46

*TFW*  
PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

application of: Russell Beavis, Larry B. Gray and David J. Howlett

Application No.: 10/670,924

Filed: 09/25/2003

For: Valve System and Method for Aerosol Delivery

Group No.: 3743

Examiner: Patel, Mital B.

**Mail Stop Amendment**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

### AMENDMENT TRANSMITTAL

1. Transmitted herewith is an amendment for this application.

### STATUS

2. Applicant is other than a small entity.

### EXTENSION OF TERM

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply. Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

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### CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\*

*(When using Express Mail, the Express Mail label number is mandatory;  
Express Mail certification is optional.)*

I hereby certify that, on the date shown below, this correspondence is being:

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#### 37 C.F.R. § 1.10\*

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#### TRANSMISSION

facsimile transmitted to the Patent and Trademark Office, (571) 273 - 8300.

  
Signature

Date: August 9, 2006

Samuel J. Petuchowski  
*(type or print name of person certifying)*

*\* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.*

### FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

(Col. 1) CLAIMS REMAINING AFTER AMENDMENT	(Col. 2) HIGHEST NO. PREVIOUSLY PAID FOR	(Col. 3) PRESENT EXTRA	OTHER THAN A SMALL ENTITY		
TOTAL	3	-	20	=	0
INDEP.	2	-	3	=	0
FIRST PRESENTATION OF MULTIPLE DEP. CLAIM			+	\$	0.00
				TOTAL ADDIT. FEE	\$ 0.00

No additional fee for claims is required.

### FEE DEFICIENCY

5. If an additional extension and/or fee is required, charge Account No. 19-4972.

If an additional fee for claims is required, charge Account No. 19-4972.

Date: August 9, 2006



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01062/00D46 534213.1



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Beavis et al.

Att'y Docket: 1062/D46

Serial No: 10/670,924

Conf. No. 6527

Date Filed: September 25, 2003

Art Unit: 3743

Customer No.: 02101

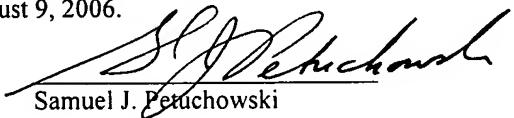
Examiner: Patel, Mital B.

Invention: **Valve System and Method for Aerosol Delivery**

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**Certificate of Mailing**

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Samuel J. Petuchowski

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Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO THE OFFICE ACTION OF JUNE 16, 2006**

Dear Sir:

In response to the Office Action dated June 16, 2006, Applicants submit the following amendment to the specification and corrections to the drawings.

**Amendments to the Description** begin on page 2.

**Amendments to the Drawings** begin on page 3 of this paper and include both attached replacement sheets and annotated sheets showing changes.

**A Listing of Claims** begin on page 4 of this paper.

**Remarks** are presented on page 6 of this paper.

**Amendments to the Description**

Please amend paragraphs [0039] and [0040] as follows:

[0039] Figure 4 is a schematic diagram of an acoustic volume sensor according to an embodiment of the invention. In this embodiment, volume sensor enclosure chamber 400 includes first volume 401 and second volume 402, separated by printed circuit board 403. First microphone 404 is acoustically coupled to first volume 401, and second microphone 405 is acoustically coupled to second volume 402.

[0040] Printed circuit board 403 contains an acoustic source, which can be, for example, a piezoelectric speaker. In one embodiment, one or both of first microphone 404 and second microphone 405 is attached to printed circuit board 403. Printed circuit board 403 can include, in one embodiment, an inner layer configured to pass electrical signals. Printed circuit board 403 is coupled to acoustic volume sensor enclosure 400 in a way that forms a substantially air-tight seal. In one embodiment, printed circuit board 403 includes a hole to equalize pressure between the first volume and the second volume. In this embodiment, the hole is small enough so as to not adversely impact the acoustic qualities of the system.